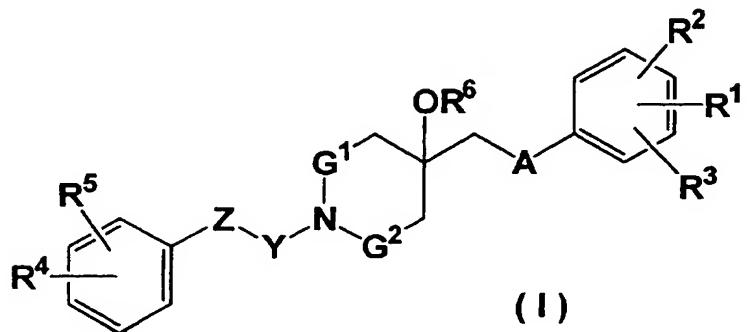




Claims

1. An agent for preventing and/or treating respiratory diseases, comprising, as an active ingredient, a compound represented by following Formula (I):

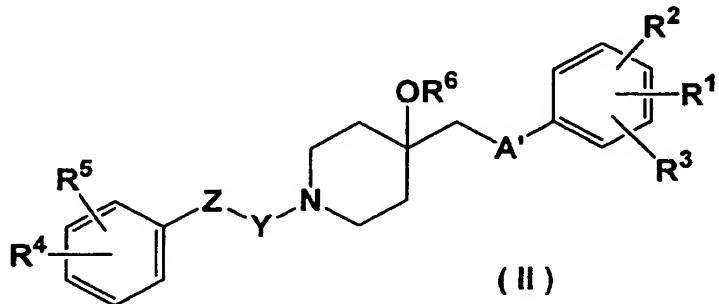


wherein A represents a group represented by L-W (wherein L represents a bond or methylene group; and W represents oxygen atom, a group represented by SO_n (wherein n denotes an integer of 0 to 2) or a group represented by $-\text{NR}^7-$ (wherein R^7 represents hydrogen atom or a lower alkyl group)); each of G^1 and G^2 independently represents $(\text{CH}_2)_r$ (wherein r denotes an integer of 0 to 2), wherein G^1 and G^2 may further be bridged by a lower alkylene group when both of "r"s in G^1 and G^2 are 1; Y represents a lower alkylene group, or benzylidene group unsubstituted or substituted by R^4 ; Z represents a bond or oxygen atom, wherein Y may form a 5- or 6-membered ring with carbon atoms on the benzene ring when Z represents a bond; R^1

represents nitro group, a lower alkoxycarbonyl group, carbamoyl group unsubstituted or mono- or di-substituted by lower alkyl groups, unprotected or protected hydroxyl group, unprotected or protected carboxyl group, unprotected or protected N-hydroxycarbamoyl group, a lower alkyl group substituted by unprotected or protected hydroxyl group, a lower alkyl group substituted by unprotected or protected carboxyl group, or tetrazolyl group; each of R² and R³ independently represents hydrogen atom, a halogen atom, a lower alkyl group unsubstituted or substituted by one or more halogen atoms, a lower alkoxy group unsubstituted or substituted by one or more halogen atoms, or nitro group; each of R⁴ and R⁵ independently represents hydrogen atom, a halogen atom, a lower alkyl group unsubstituted or substituted by one or more halogen atoms, a lower alkoxy group unsubstituted or substituted by one or more halogen atoms, cyano group, or a lower alkylsulfonyl group; and R⁶ represents hydrogen atom or a lower alkyl group, provided that it is excluded that R¹ is nitro group or unprotected or protected hydroxyl group when W is a group represented by SOn (wherein n denotes an integer of 0 to 2), a pharmaceutically acceptable salt thereof or a solvate of them.

2. An antitussive agent comprising the compound represented by Formula (I), a salt thereof or a solvate of them according to claim 1 as an active ingredient.

3. A compound represented by following Formula (II):



wherein A' represents a group represented by L-W' (wherein L represents a bond or methylene group; and W' represents oxygen atom or a group represented by -NR⁷- (wherein R⁷ represents hydrogen atom or a lower alkyl group)); Y represents a lower alkylene group, or benzylidene group unsubstituted or substituted by R⁴; Z represents a bond or oxygen atom, wherein Y may form a 5- or 6-membered ring with carbon atoms on the benzene ring when Z represents a bond; R¹ represents nitro group, a lower alkoxy carbonyl group, carbamoyl group unsubstituted or mono- or di-substituted by lower alkyl groups, unprotected or protected hydroxyl group, unprotected or protected carboxyl group, unprotected or protected N-hydroxycarbamoyl group, a lower alkyl group substituted by unprotected or protected hydroxyl group, a lower alkyl group substituted by unprotected or protected carboxyl group, or tetrazolyl group; each of R² and R³ independently represents hydrogen atom, a halogen atom, a

lower alkyl group unsubstituted or substituted by one or more halogen atoms, a lower alkoxy group unsubstituted or substituted by one or more halogen atoms, or nitro group; each of R⁴ and R⁵ independently represents hydrogen atom, a halogen atom, a lower alkyl group unsubstituted or substituted by one or more halogen atoms, a lower alkoxy group unsubstituted or substituted by one or more halogen atoms, cyano group, or a lower alkylsulfonyl group; and R⁶ represents hydrogen atom or a lower alkyl group, provided that R¹ is limited to unprotected or protected N-hydroxycarbamoyl group or a lower alkyl group substituted by unprotected or protected carboxyl group when R² and R³ are both hydrogen atoms, or provided that it is excluded that R¹ is unprotected or protected hydroxyl group or a lower alkyl group substituted by unprotected or protected hydroxyl group when W' is a group represented by -NR⁷-, a salt thereof or a solvate of them.

4. The compound, a salt thereof or a solvate of them according to claim 3, wherein R¹ in Formula (II) is nitro group, a lower alkoxycarbonyl group, carbamoyl group unsubstituted or mono- or di-substituted by lower alkyl groups, unprotected or protected carboxyl group, or tetrazolyl group.

5. The compound, a salt thereof or a solvate of them according to one of claims 3 and 4, wherein R⁴ in Formula

(II) is cyano group.

6. The compound, a salt thereof or a solvate of them according to any one of claims 3, 4 and 5, wherein W' in Formula (II) is a group represented by -NR⁷-.

7. A pharmaceutical composition comprising the compound, a pharmaceutically acceptable salt thereof or a solvate of them according to any one of claims 3 to 6 as an active ingredient.